

CLINTON BOGERT ASSOCIATES

PARTNERS
IVAN L. BOGERT
HERBERT L. BAUFMAN

PRINCIPAL ASSOCIATES
WAYNE EAGANS
JOHN H. SCARINO

ASSOCIATES
JOHANNES DEWAAL
FRANCIS J. DOBROWOLSKI
IGNAZ POTTSBUCHER
DANIEL S. GREENE
HERBERT LANDESMAN
JMBERTO A. MILLETAR
WILLIAM WHEELER



2125 CENTER AVENUE • FORT LEE, NEW JERSEY 07024
(201) 944-1676 • CABLE: BOGERTENG FORTLEENJ

January 24, 1979

Honorable Kenneth A. Gibson, Mayor
City of Newark
City Hall
920 Broad Street
Newark, New Jersey 07102

Re: Pollution Abatement

Dear Mayor Gibson:

In accordance with our contract dated February 15, 1978, submitted herewith is our report on the sources of pollution discharging to the lower Passaic River during dry weather from the Roanoke Avenue combined sewer system and the Blanchard, Lockwood, and Brown Street storm sewer systems. Each system is discussed in a separate section which contains:

- (1) A description of the existing sewers.
- (2) Findings of the physical inspection.
- (3) Conclusions and recommendations applicable to that system.

Appropriate additional items are included as follows:

- (1) For the Roanoke Avenue combined sewer system (Section III), a hydraulic analysis is presented. Significant conclusions are:
 - (a) all dry weather overflows may not be eliminated by rehabilitation of the existing system alone; but either flow routing, using storage available in the existing sewers, or increased interceptor capacity is required; and,
 - (b) a faulty regulator results in all sewage flows discharging untreated to the Passaic River.
- (2) For the Blanchard Street storm sewer (Section IV), the results of dry weather flow sampling and gauging, smoke testing and T.V. inspection are presented. Significant conclusions are the need to:
 - (a) replace about 1,300 feet of existing 24" storm sewer which appears in danger of collapse,
 - (b) improve housekeeping around industrial railroad sidings, and,

406765



Honorable Kenneth A. Gibson, Mayor
City of Newark
City Hall
920 Broad Street
Newark, New Jersey 07102




January 24, 1979
Page 3

We would be pleased to meet with you to review any matters contained herein. We wish to express our appreciation of the assistance given us by members of your staff, particularly Mr. Robert Benz, in carrying forward this work.

Very truly yours,

CLINTON BOGERT ASSOCIATES


Herbert L. Kaufman
P.E., -N.J. Lic. No. 13647

HLK:mmb
Enclosure